

Title (en)

PATIENT MONITOR AND METHOD OF USING SAME

Title (de)

PATIENTENMONITOR UND METHODE ZU SEINER ANWENDUNG

Title (fr)

APPAREIL DE SURVEILLANCE D'UN PATIENT ET PROCEDE D'UTILISATION

Publication

**EP 1058570 A4 20021016 (EN)**

Application

**EP 99936037 A 19990223**

Priority

- US 9903839 W 19990223
- US 3022198 A 19980225

Abstract (en)

[origin: WO9943388A1] A patient monitoring apparatus for monitoring a physiological characteristic of said patient. A user interface (70) having an interior portion (74) communicates with an airway of a user such that substantially all gas inhaled, and exhaled by the user enters the interior portion (74). At least one vent element (76) is associated with the user interface (70), and communicates the interior portion (74) of the user interface with an ambient atmosphere. The vent element (74), user interface (70) define a flow element across which a pressure differential is created during inhalation, and exhalation. The pressure differential is the pressure difference between the pressure within the interior portion (74) of the user interface (70), and the pressure of the ambient atmosphere outside the user interface (70). A sensor (78) communicates with the interior portion (74) of the user interface (70), measures a fluid characteristic resulting from this pressure differential, and outputs a first signal indicative of the measured fluid characteristic.

IPC 1-7

**A62B 18/02**; **A62B 18/08**; **A61B 5/087**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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